

IN THE CLAIMS:

The text of all pending claims are set forth below. Cancelled and withdrawn claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (previously amended), (cancelled), (withdrawn), (new), (previously added), (reinstated - formerly claim #), (previously reinstated), (re-presented - formerly dependent claim #) or, (previously re-presented).

Please AMEND claims 4 and 5 and ADD new claims 6-10 in accordance with the following:

1. (original) A polyolefin resin composition comprising modified layered silicate, modified polyolefin resin and polyolefin resin, wherein the modified polyolefin resin has a carboxylic acid modification degree (Pc1) of 0.030 to 0.100, which is obtained from infrared absorption spectrum using Equation (1), and a hydrogen bonding carboxyl modification degree (PcH) of 0.80 or more, which is obtained using Equation (2).

$$Pc1 = ICO3/ICH_2 \quad (1)$$

$$PcH = ICO2/(ICO1 + ICO2) \quad (2)$$

wherein

ICH₂: Infrared absorption peak at 2920 cm⁻¹

ICO1: Infrared absorption peak at 1780 to 1790 cm⁻¹

ICO2: Infrared absorption peak at 1710 to 1720 cm⁻¹

ICO3: ICO1 + ICO2

2. (original) The polyolefin resin composition according to claim 1, wherein a composition mass ratio of the modified layered silicate/the modified polyolefin resin/the polyolefin resin is 0.01-40/0.1-50/50-99.89.

3. (original) The polyolefin resin composition according to either of claims 1 and 2, wherein the modified layered silicate is prepared by interlayer insertion process comprising inserting a non-ionic surfactant into the interlayer spaces of the layered silicate.

4. (currently amended) The polyolefin resin composition according to ~~any of claims 1 to 3~~claim 1, wherein the polyolefin resin is a polyethylene resin.

5. (currently amended) A process for preparing the polyolefin resin composition according to ~~any of claims 1 to 4~~claim 1, which process comprises melt compounding the modified layered silicate, the modified polyolefin resin and the polyolefin resin.

6. (new) The polyolefin resin composition according to claim 2, wherein the polyolefin resin is a polyethylene resin.

7. (new) The polyolefin resin composition according to claim 3, wherein the polyolefin resin is a polyethylene resin.

8. (new) A process for preparing the polyolefin resin composition according to claim 2, which process comprises melt compounding the modified layered silicate, the modified polyolefin resin and the polyolefin resin.

9. (new) A process for preparing the polyolefin resin composition according to claim 3, which process comprises melt compounding the modified layered silicate, the modified polyolefin resin and the polyolefin resin.

10. (new) A process for preparing the polyolefin resin composition according to claim 4, which process comprises melt compounding the modified layered silicate, the modified polyolefin resin and the polyolefin resin.